Test Report

Product Name ： GSM 850/1900 Mobile Phone

Model No. ： HUAWEI G3500

FCC ID ： QISG3500

Applicant ： Huawei Technologies Co., Ltd.

Address ： Huawei Base BanTian Longgang Shenzhen 518129 P.R.C

Date of Receipt ： 2009/05/19

Issued Date ： 2009/06/15

Report No. ： 096S001R-ITE-US-P01V02

Report Version ： V1.0

Test Report Certification

Issued Date : 2009/06/15
Report No. : 096S001R-ITE-US-P01V02

Product Name	:	GSM 850/1900 Mobile Phone
Applicant	:	Huawei Technologies Co., Ltd.
Address	:	Huawei Base BanTian Longgang Shenzhen 518129 P.R.C
Manufacturer	:	Huawei Technologies Co., Ltd.
Model No.	:	HUAWEI G3500
FCC ID	:	QISG3500
Rated Voltage	:	AC 120V/60Hz
EUT Voltage	:	AC 100-240V, 50/60Hz
Trade Name	:	HUAWEI
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart B: 2008 Class B ANSI C63.4: 2003
Test Result	:	Complied
Performed Location	:	SuZhou EMC laboratory No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., SuZhou, China TEL: +86-512-6251-5088 / FAX: +86-512-6251-5098 FCC Registration Number: 800392

Documented By : 
(Any Liu)

Reviewed By : 
(Marlin Chen)

Approved By : 
(Gene Chang)

Laboratory Information

We , **QuieTek Corporation**, are an independent EMC and safety consultancy that was established the whole facility in our laboratories. The test facility has been accredited by the following accreditation Bodies in compliance with ISO 17025, EN 45001 and Guide 25:

Taiwan R.O.C.	**:**	**BSMI, DGT, CNLA**
Germany	**:**	**TUV Rheinland**
Norway	**:**	**Nemko, DNV**
USA	**:**	**FCC, NVLAP**
Japan	**:**	**VCCI**

The related certificate for our laboratories about the test site and management system can be downloaded from QuieTek Corporation's Web Site : http://tw.quietek.com/modules/myalbum/
The address and introduction of QuieTek Corporation's laboratories can be founded in our Web site : http://www.quietek.com/
If you have any comments, Please don't hesitate to contact us. Our contact information is as below:

HsinChu Testing Laboratory :
No.75-2, 3rd Lin, Wangye Keng, Yonghxing Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan, R.O.C.
TEL:+886-3-592-8858 / FAX:+886-3-592-8859 E-Mail : service@quietek.com

NVLAP Lab Code : 200347-0 1313

LinKou Testing Laboratory :
No. 5, Ruei-Shu Valley, Ruei-Ping Tsuen, Lin-Kou Shiang, Taipei, Taiwan, R.O.C.
TEL : +886-2-8601-3788 / FAX : 886-2-8601-3789 E-Mail : service@quietek.com

NVLAP Lab Code: 200533-0 0914

Suzhou Testing Laboratory :
No.99 Hongye Rd., Suzhou Industrial Park Loufeng Hi-Tech Development Zone., SuZhou, China
TEL : +86-512-6251-5088 / FAX : 86-512-6251-5098 E-Mail : service@quietek.com

NVLAP Lab Code : 200743-0 1596

TABLE OF CONTENTS

1. General Information

1.1. EUT Description

Product Name	GSM 850/1900 Mobile Phone
Trade Name	HUAWEI
Model No.	HUAWEI G3500
FCC ID	QISG3500
Working Voltage	DC 3.7V
Tx Frequency Range	GSM 850: 824MHz to 849MHz PCS 1900: 1850MHz to 1910MHz
Rx Frequency Range	GSM 850: 869MHz to 894MHz PCS 1900: 1930MHz to 1990MHz
Channel Number	GSM 850: 124 PCS 1900: 299
Type of Modulation	GMSK
Channel Control	Auto
Antenna type	PIFA
Antenna Gain	GSM 850: 1.28dBi PCS 1900: -0.14dBi

Component	
Switch Power Supply	Travel Charge M/N: LSD-D05I40 Input: 100-240V~, 50/60Hz, 0.2A Output: +5VDC, 400mA
Battery	Manufacturer: Huawei Technologies Co., Ltd. M/N: HB3A3 Rating: 3.7VDC, 650mAh
USB Cable	Manufacturer: Zhejiang MEEYON Technology Co., Ltd. M/N: MY-M536 P/N: 95ZW004601
Earphone	Manufacturer: Zhejiang MEEYON Technology Co., Ltd. M/N: MY-M330

1.2. Mode of Operation

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Test Mode
Mode 1: Charging
Mode 2: FM Mode
Mode 3: USB Copy Mode (Camera On)

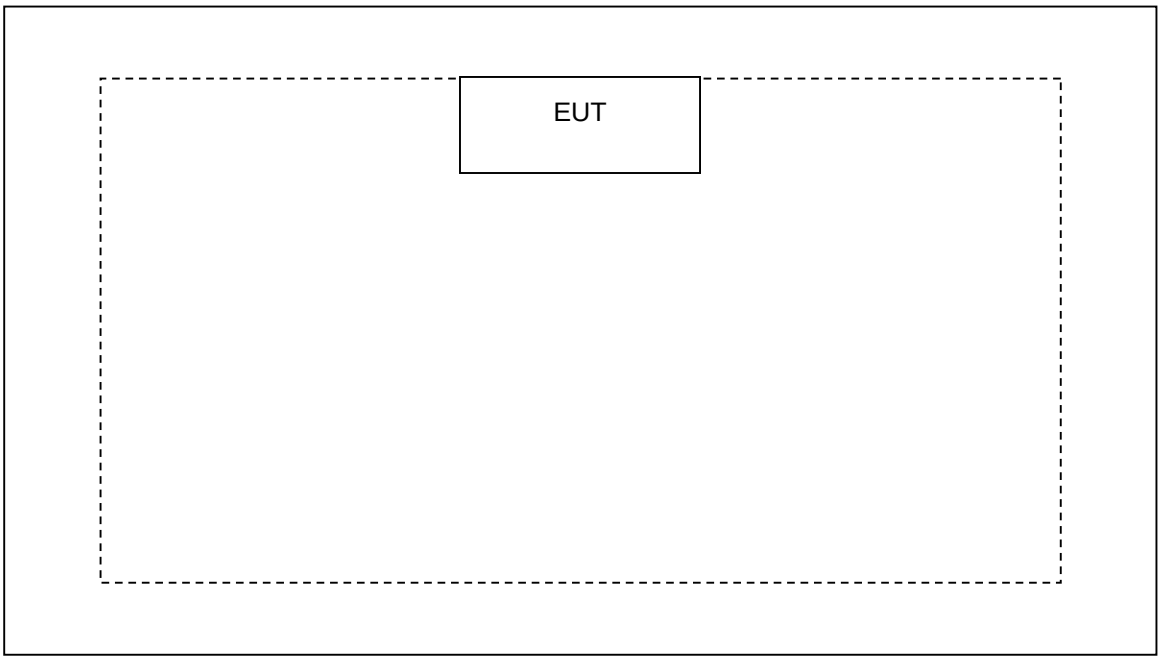
1.3. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

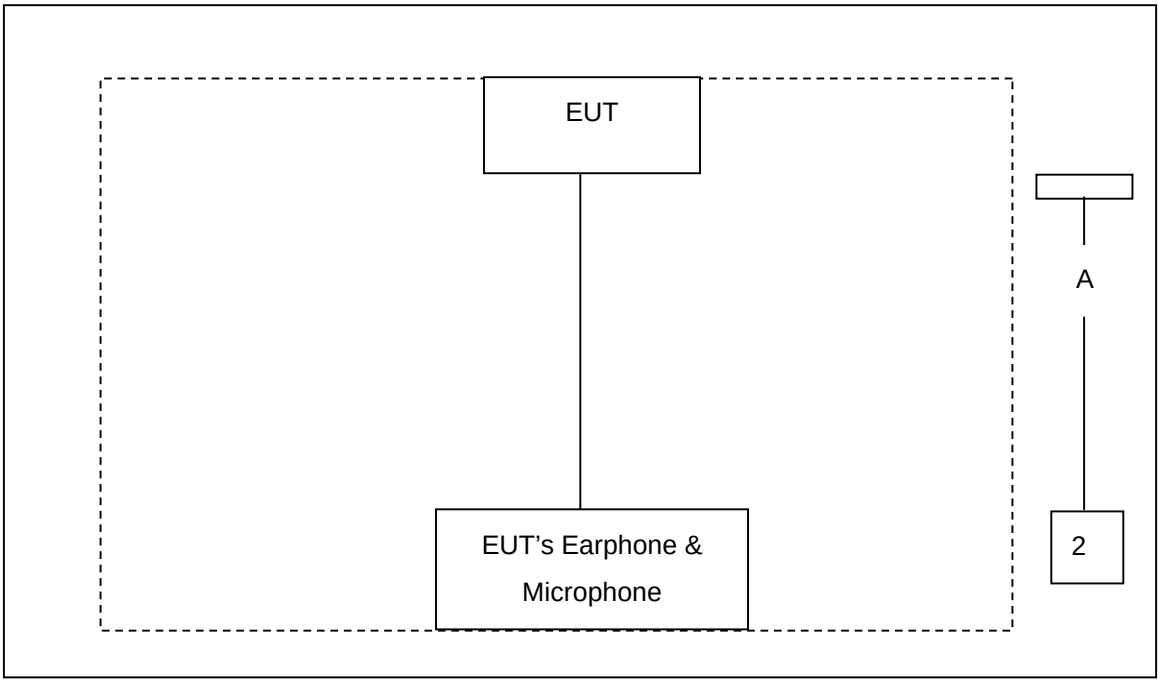
Product		Manufacturer	Model No.	Serial No.	Power Cord
1	Notebook	DELL	PP19L	JH097 A01	Power by adapter
2	Signal Generator	Agilent	E82577	MY44321116	N/A

1.4. Configuration of Tested System

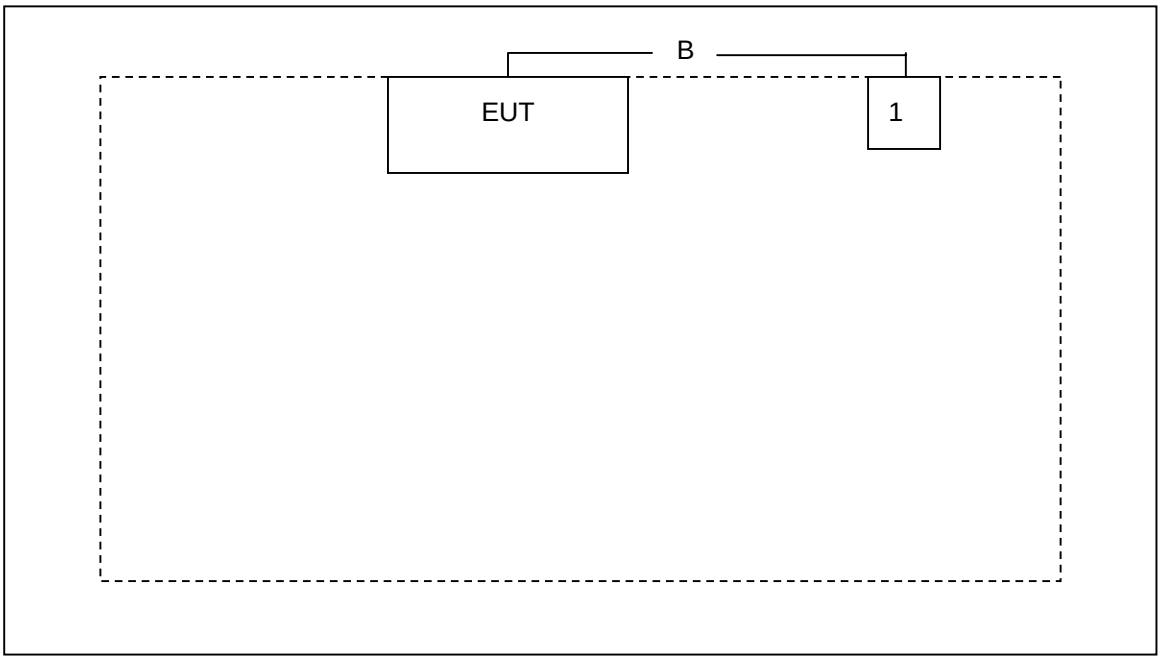
Connection Diagram (Mode 1)



Connection Diagram (Mode 2)



Connection Diagram (Mode 3)



Signal Cable Type		Signal cable Description
A	Coaxial Cable	Shielded, >5m
B	USB Cable	Shielded, 1.3m

1.5. EUT Exercise Software

Mode 1

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment.
3	Making EUT working on charging mode.

Mode 2

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment.
3	Making EUT working on FM mode.

Mode 3

1	Setup the EUT and simulators as shown on 1.4.
2	Turn on the power of all equipment.
3	Open the software “WINTHRAX”, and then transmit data with notebook.

2. Technical Test

2.1. Summary of Test Result

☒ No deviations from the test standards

☐ Deviations from the test standards as below description:

Emission			
Performed Test Item	Normative References	Test Performed	Deviation
Conducted Emission	FCC CFR Title 47 Part 15 Subpart B: 2008 Class B ANSI C63.4: 2003	Yes	No
Radiated Emission	FCC CFR Title 47 Part 15 Subpart B: 2008 Class B ANSI C63.4: 2003	Yes	No

2.2. List of Test Equipment

Conducted Emission / SR-1

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
EMI Test Receiver	R&S	ESCI	100176	2009/04/23
Two-Line V-Network	R&S	ENV216	100013	2008/06/28
Two-Line V-Network	R&S	ENV216	100014	2009/04/23
50ohm Coaxial Switch	Anritsu	MP59B	6200464462	2008/11/24
50ohm Termination	SHX	TF2	07081401	2008/09/28
Coaxial Cable	Luthi	RG214	519358	2008/11/24
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH004	2009/03/31

Radiated Emission / AC-2

Instrument	Manufacturer	Type No.	Serial No	Cal. Date
Spectrum Analyzer	Agilent	E4408B	MY45102679	2009/04/23
EMI Test Receiver	R&S	ESCI	100573	2009/04/23
Preamplifier	Quietek	AP-025C	QT-AP003	2008/11/24
Preamplifier	Quietek	AP-180C	CHM-0602012	2008/11/24
Bilog Type Antenna	Schaffner	CBL6112B	2932	2008/11/21
Broad-Band Horn Antenna	Schwarzbeck	BBHA9120D	496	2008/11/24
50ohm Coaxial Switch	Anritsu	MP59B	6200447304	2008/11/24
Coaxial Cable	Huber+Suhner	AC2-C	04	2008/11/24
Temperature/Humidity Meter	zhicheng	ZC1-2	QT-TH002	2009/03/31

2.3. Measurement Uncertainty

Conducted Emission

The measurement uncertainty is evaluated as ± 2.26 dB.

Radiated Emission

The measurement uncertainty is evaluated as ± 3.19 dB.

2.4. Test Environment

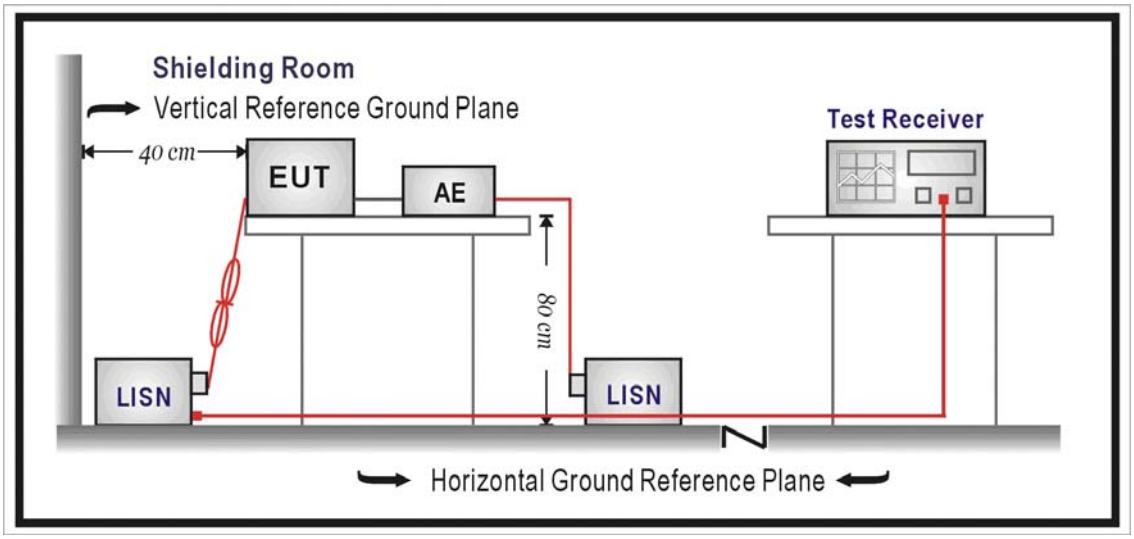
Performed Item	Items	Required	Actual
Conducted Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	48
	Barometric pressure (mbar)	860-1060	950-1000
Radiated Emission	Temperature (°C)	15-35	25
	Humidity (%RH)	25-75	46
	Barometric pressure (mbar)	860-1060	950-1000

3. Conducted Emission

3.1. Test Specification

According to Standard: FCC Part 15 Subpart B, ANSI C63.4

3.2. Test Setup



3.3. Limit

Limits		
Frequency (MHz)	QP (dBuV)	AV (dBuV)
0.15 - 0.50	66 - 56	56 - 46
0.50 - 5.0	56	46
5.0 - 30	60	50

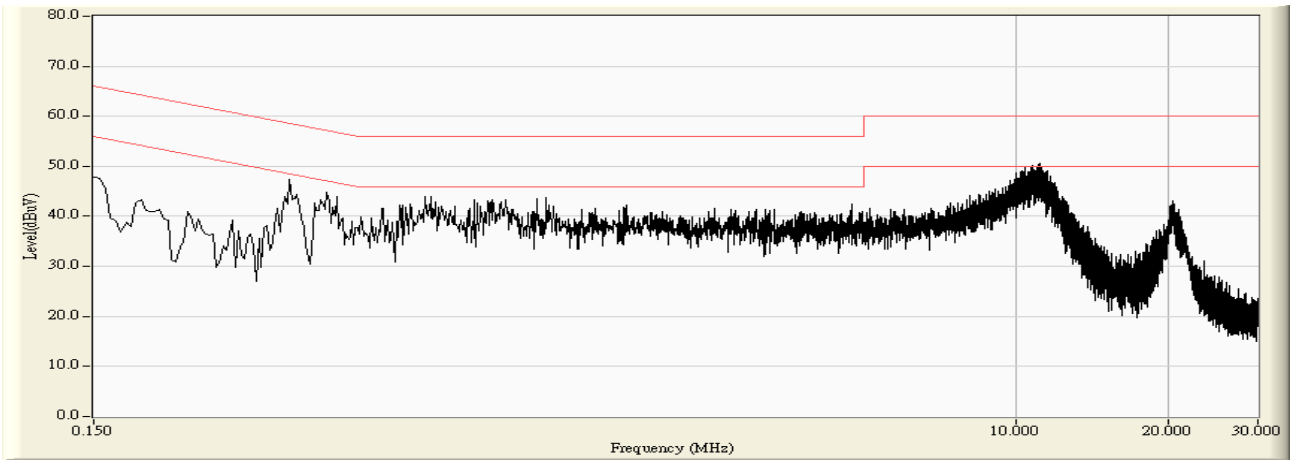
Remarks: In the above table, the tighter limit applies at the band edges.

3.4. Test Procedure

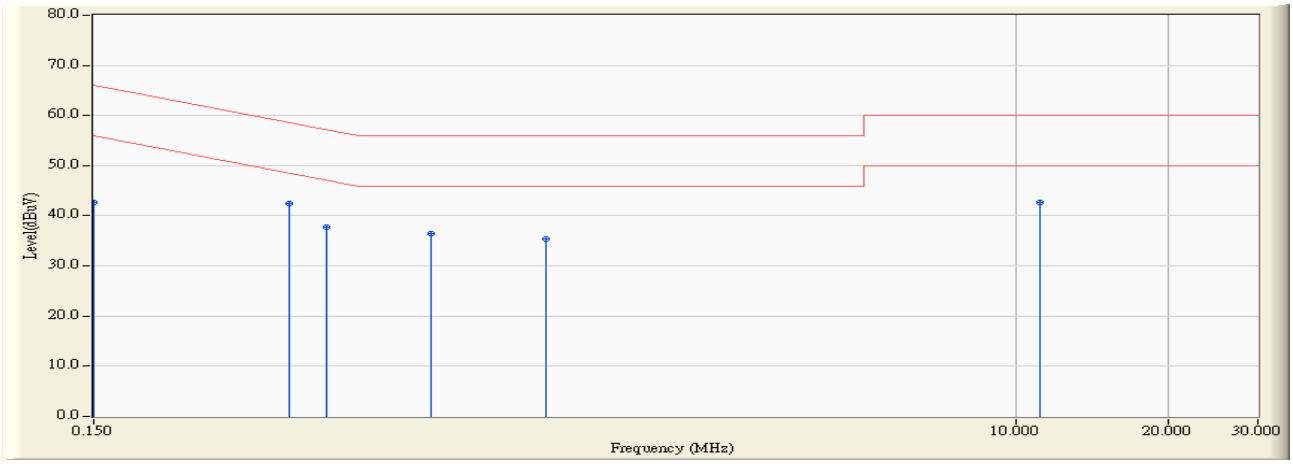
The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm/50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm/50uH coupling impedance with 50ohm termination.
(Please refer to the block diagram of the test setup and photographs.)
Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed on conducted measurement.
Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9 kHz.

3.5. Test Result

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/05/26 - 17:54**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**

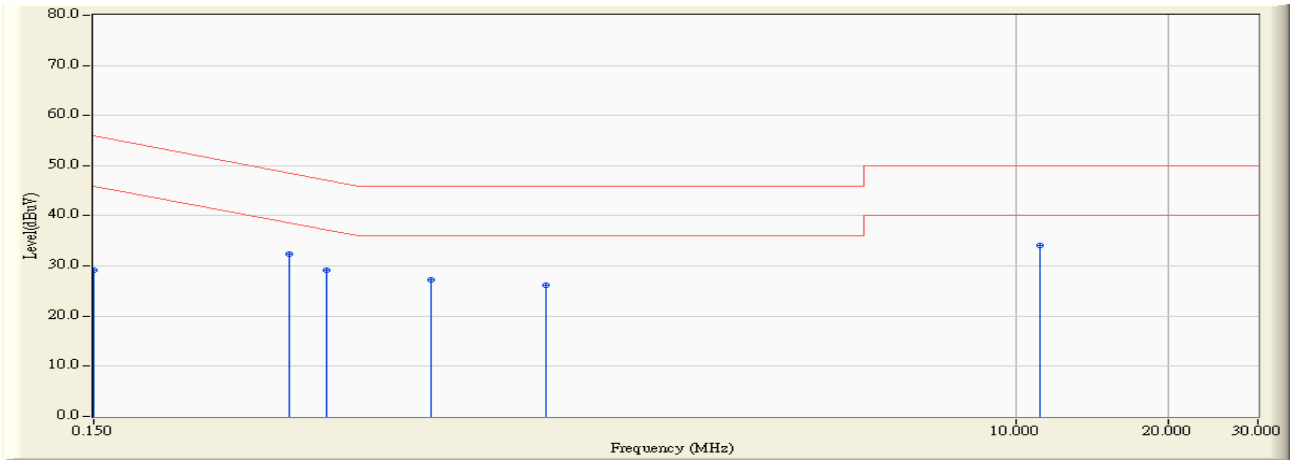


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/05/26 - 17:57**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**



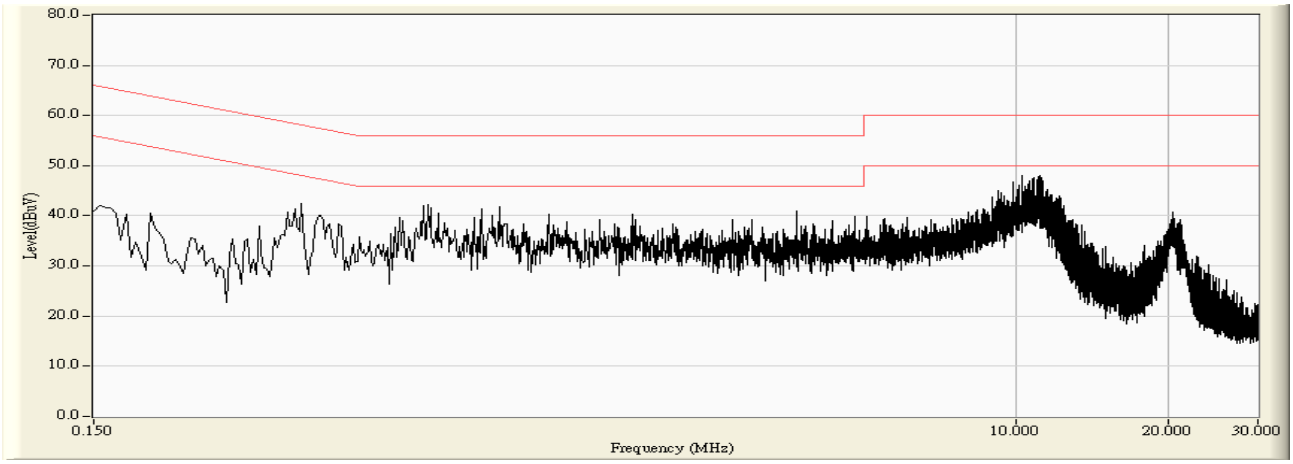
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.160	32.600	42.760	-23.240	66.000	QUASIPEAK
2	*	0.366	9.538	32.900	42.438	-16.153	58.591	QUASIPEAK
3		0.434	9.583	28.100	37.683	-19.493	57.176	QUASIPEAK
4		0.698	9.670	26.800	36.470	-19.530	56.000	QUASIPEAK
5		1.178	9.710	25.600	35.310	-20.690	56.000	QUASIPEAK
6		11.130	10.080	32.600	42.680	-17.320	60.000	QUASIPEAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/05/26 - 17:57**
Limit : FCC_Part15_B_00M_AV	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**

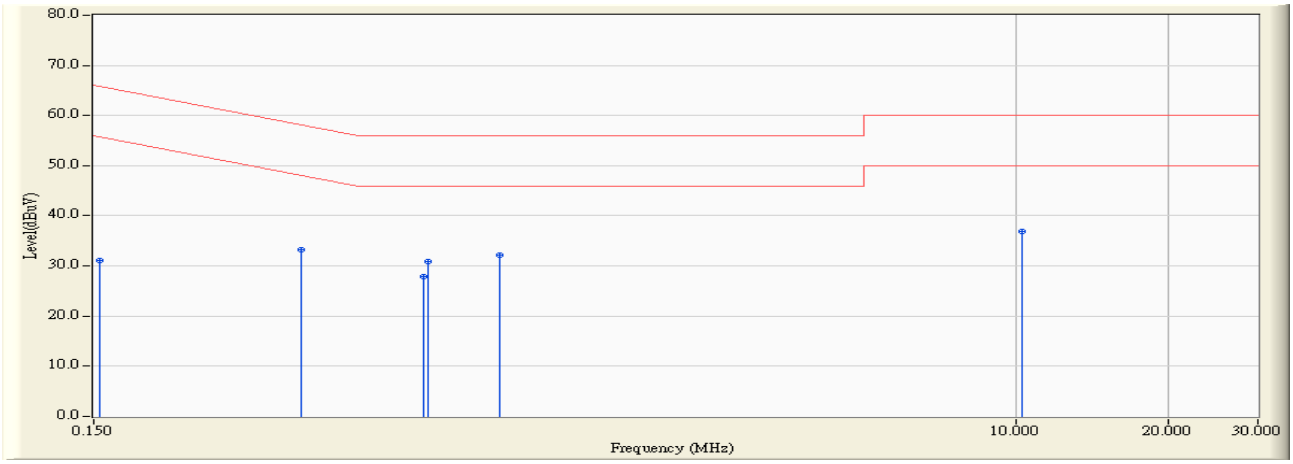


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.150	10.160	19.000	29.160	-26.840	56.000	AVERAGE
2		0.366	9.538	22.900	32.438	-16.153	48.591	AVERAGE
3		0.434	9.583	19.600	29.183	-17.993	47.176	AVERAGE
4		0.698	9.670	17.600	27.270	-18.730	46.000	AVERAGE
5		1.178	9.710	16.500	26.210	-19.790	46.000	AVERAGE
6	*	11.130	10.080	24.000	34.080	-15.920	50.000	AVERAGE

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/05/26 - 17:59**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**

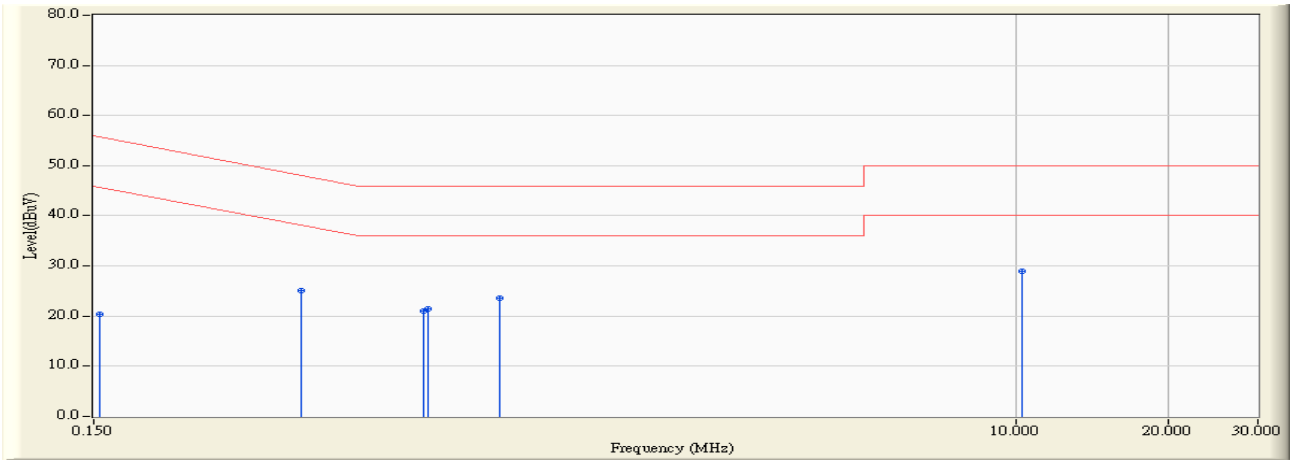


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/05/26 - 18:01**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**



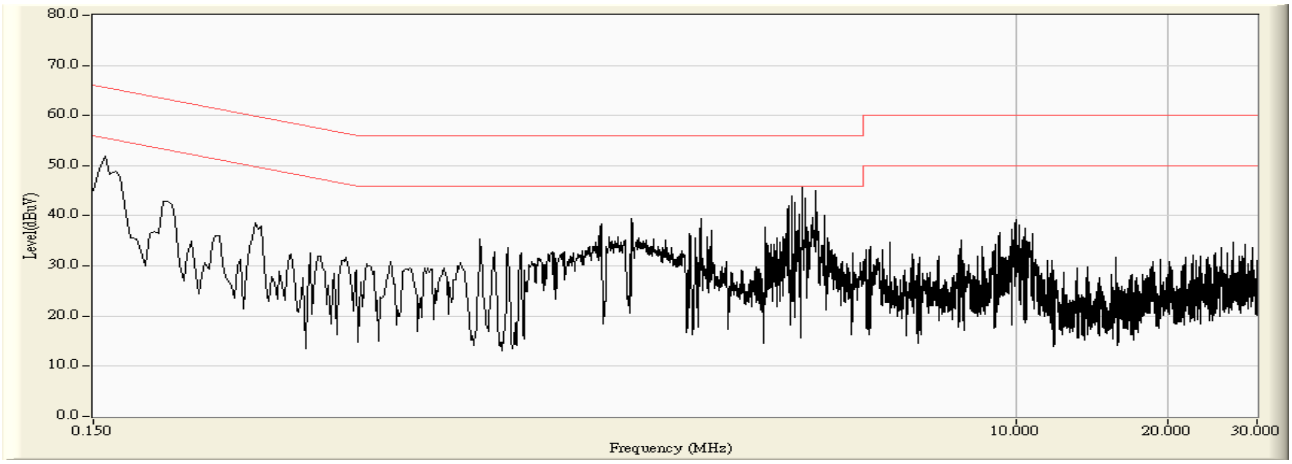
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	10.017	21.100	31.117	-34.664	65.781	QUASIPEAK
2		0.386	9.600	23.600	33.200	-24.949	58.149	QUASIPEAK
3		0.674	9.743	18.200	27.943	-28.057	56.000	QUASIPEAK
4		0.686	9.751	21.100	30.851	-25.149	56.000	QUASIPEAK
5		0.950	9.770	22.400	32.170	-23.830	56.000	QUASIPEAK
6	*	10.266	9.950	26.900	36.850	-23.150	60.000	QUASIPEAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/05/26 - 18:01**
Limit : FCC_Part15_B_00M_AV	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**

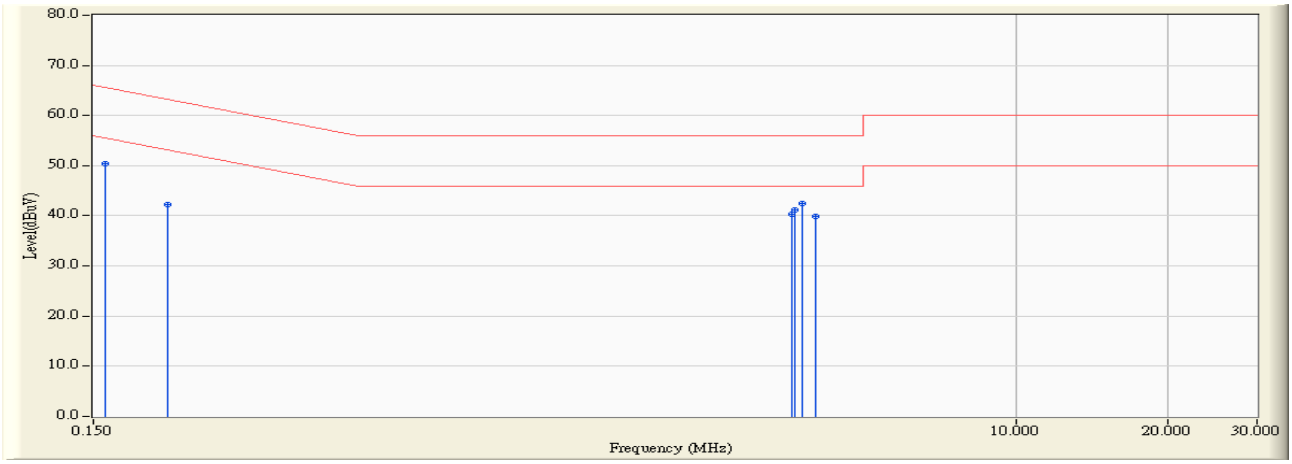


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.154	10.017	10.300	20.317	-35.464	55.781	AVERAGE
2		0.386	9.600	15.400	25.000	-23.149	48.149	AVERAGE
3		0.674	9.743	11.300	21.043	-24.957	46.000	AVERAGE
4		0.686	9.751	11.700	21.451	-24.549	46.000	AVERAGE
5		0.950	9.770	13.800	23.570	-22.430	46.000	AVERAGE
6	*	10.266	9.950	19.100	29.050	-20.950	50.000	AVERAGE

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/06/05 - 11:51**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera on)**

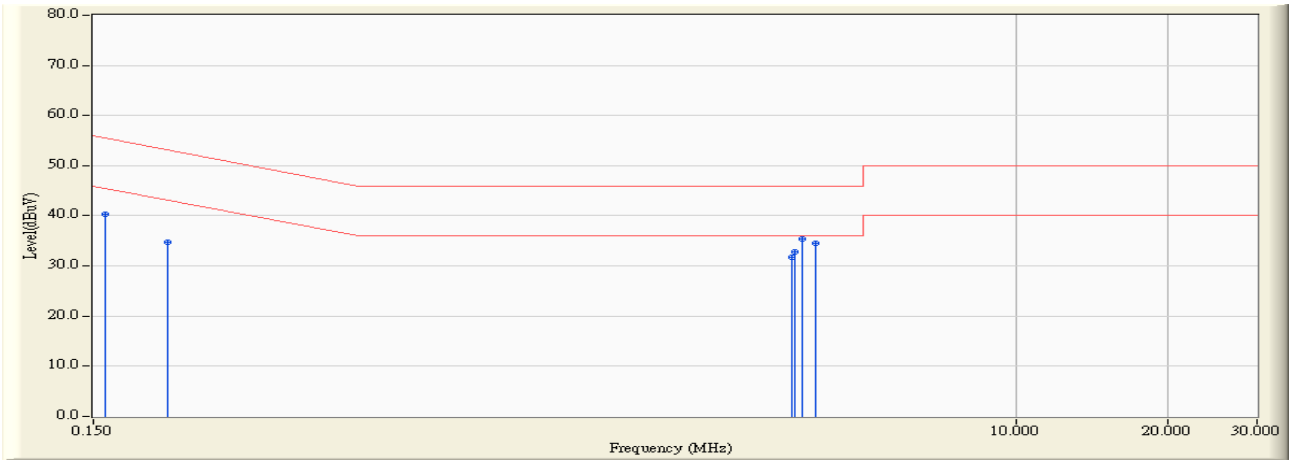


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/06/05 - 11:52**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera on)**



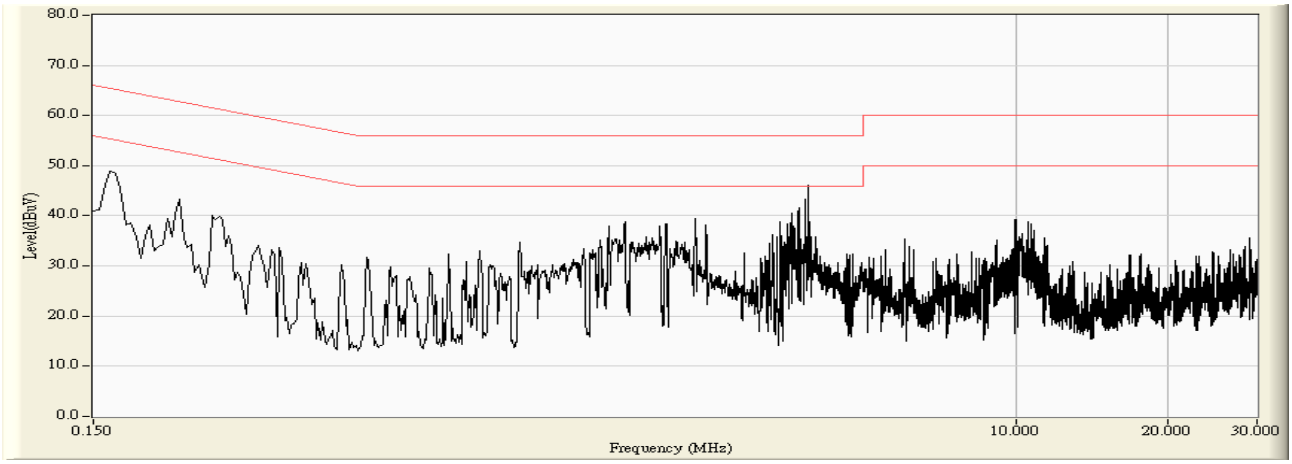
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	10.214	40.100	50.314	-15.457	65.771	QUASIPEAK
2		0.210	9.500	32.700	42.200	-22.086	64.286	QUASIPEAK
3		3.606	9.799	30.600	40.399	-15.601	56.000	QUASIPEAK
4		3.666	9.800	31.400	41.200	-14.800	56.000	QUASIPEAK
5	*	3.782	9.818	32.700	42.518	-13.482	56.000	QUASIPEAK
6		4.018	9.830	30.100	39.930	-16.070	56.000	QUASIPEAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/06/05 - 11:52**
Limit : FCC_Part15_B_00M_AV	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line1**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera on)**

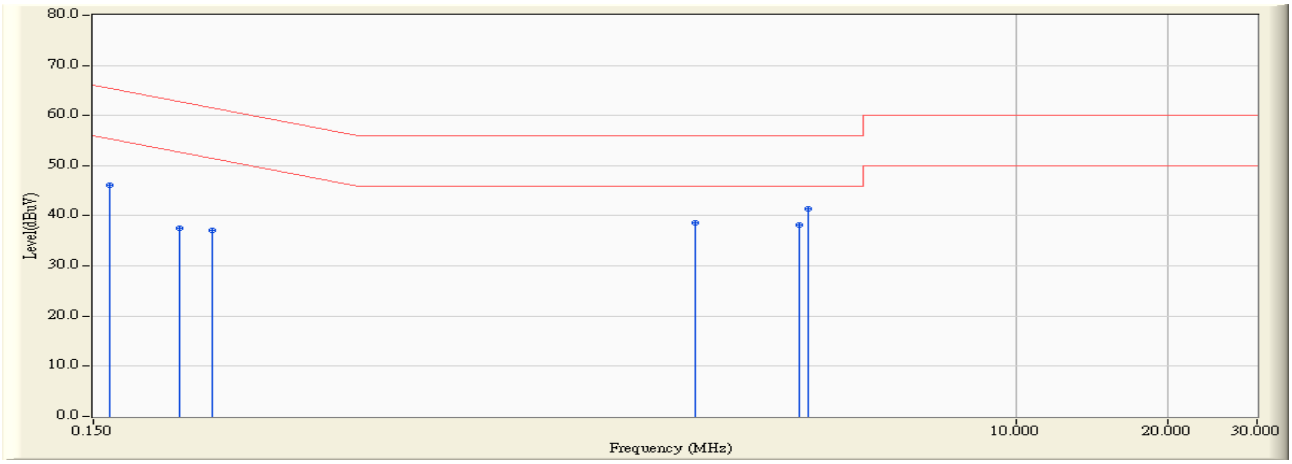


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.158	10.214	30.200	40.414	-15.357	55.771	AVERAGE
2		0.210	9.500	25.200	34.700	-19.586	54.286	AVERAGE
3		3.606	9.799	21.900	31.699	-14.301	46.000	AVERAGE
4		3.666	9.800	23.100	32.900	-13.100	46.000	AVERAGE
5	*	3.782	9.818	25.600	35.418	-10.582	46.000	AVERAGE
6		4.018	9.830	24.600	34.430	-11.570	46.000	AVERAGE

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/06/05 - 11:46**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera on)**

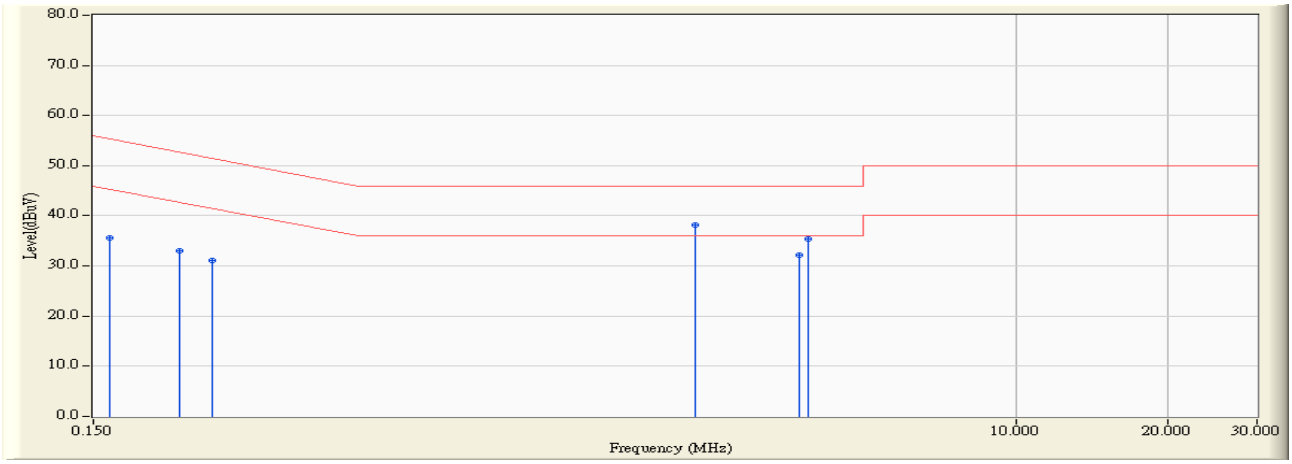


Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/06/05 - 11:48**
Limit : FCC_Part15_B_00M_QP	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera on)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.996	36.200	46.196	-19.461	65.657	QUASIPEAK
2		0.222	9.580	27.900	37.480	-26.463	63.943	QUASIPEAK
3		0.258	9.583	27.600	37.183	-25.731	62.914	QUASIPEAK
4		2.326	9.669	29.000	38.669	-17.331	56.000	QUASIPEAK
5		3.722	9.710	28.400	38.110	-17.890	56.000	QUASIPEAK
6	*	3.894	9.720	31.700	41.420	-14.580	56.000	QUASIPEAK

Engineer : Jame	
Site : SR-1 (Conducted Emission and Power Disturbance Test)	**Time : 2009/06/05 - 11:48**
Limit : FCC_Part15_B_00M_AV	**Margin : 10**
EUT : GSM 850/1900 Mobile Phone	**Probe : ENV216_100014(0.009-30MHz) - Line2**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera on)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.162	9.996	25.700	35.696	-19.961	55.657	AVERAGE
2		0.222	9.580	23.400	32.980	-20.963	53.943	AVERAGE
3		0.258	9.583	21.600	31.183	-21.731	52.914	AVERAGE
4	*	2.326	9.669	28.600	38.269	-7.731	46.000	AVERAGE
5		3.722	9.710	22.400	32.110	-13.890	46.000	AVERAGE
6		3.894	9.720	25.700	35.420	-10.580	46.000	AVERAGE

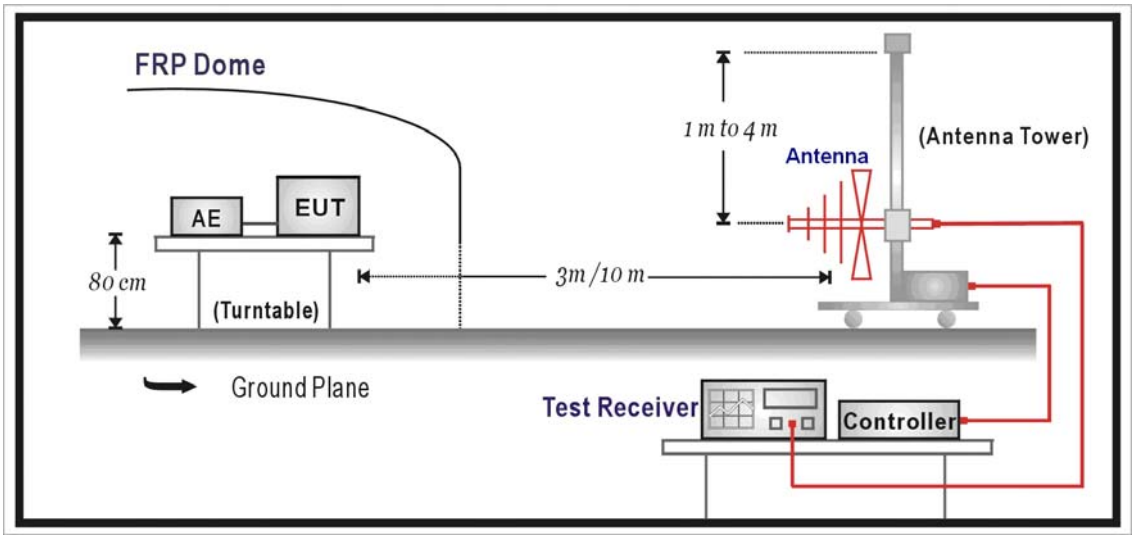
4. Radiated Emission

4.1. Test Specification

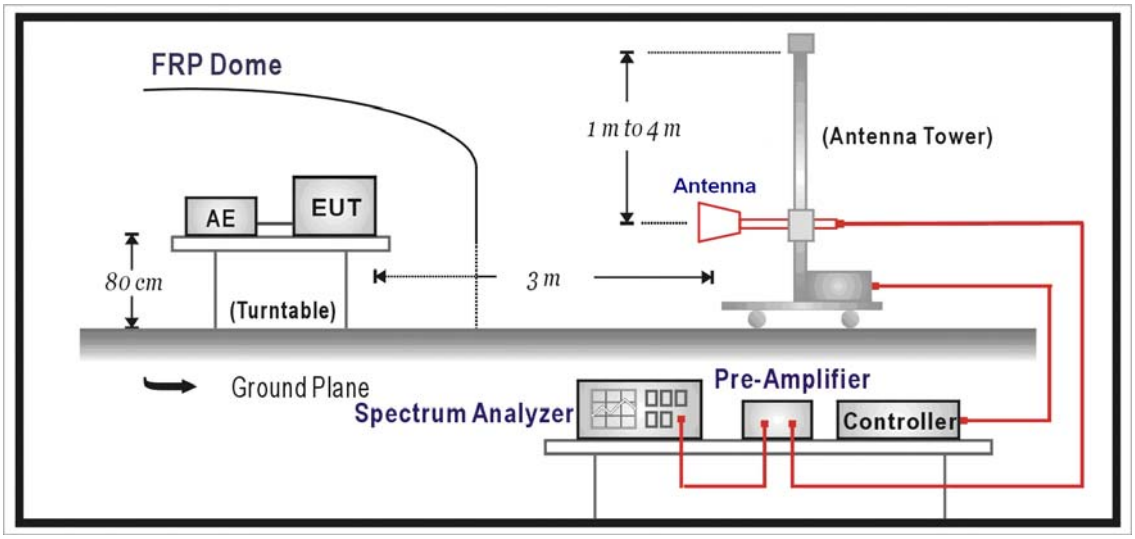
According to EMC Standard: FCC Part 15 Subpart B, ANSI C63.4

4.2. Test Setup

Below 1GHz Test Setup:



Above 1GHz Test Setup:



4.3. Limit

Below 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)		
Frequency (MHz)	Distance (m)	dBuV/m
30 - 88	3	40
88 - 216	3	43.5
216 - 960	3	46
Above 960	3	54

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

Above 1GHz test shall not exceed the following value:

FCC Part 15 Subpart B Paragraph 15.109 Limits (dBuV/m)		
Frequency (MHz)	Distance (m)	dBuV/m
Above 960	3	54

Remark:

1. The tighter limit shall apply at the edge between two frequency bands.
2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
3. RF Voltage (dBuV/m) = 20 log RF Voltage (uV/m)

4.4. Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.

The turn table can rotate 360 degrees to determine the position of the maximum emission level and the antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.

Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated on radiated measurement.

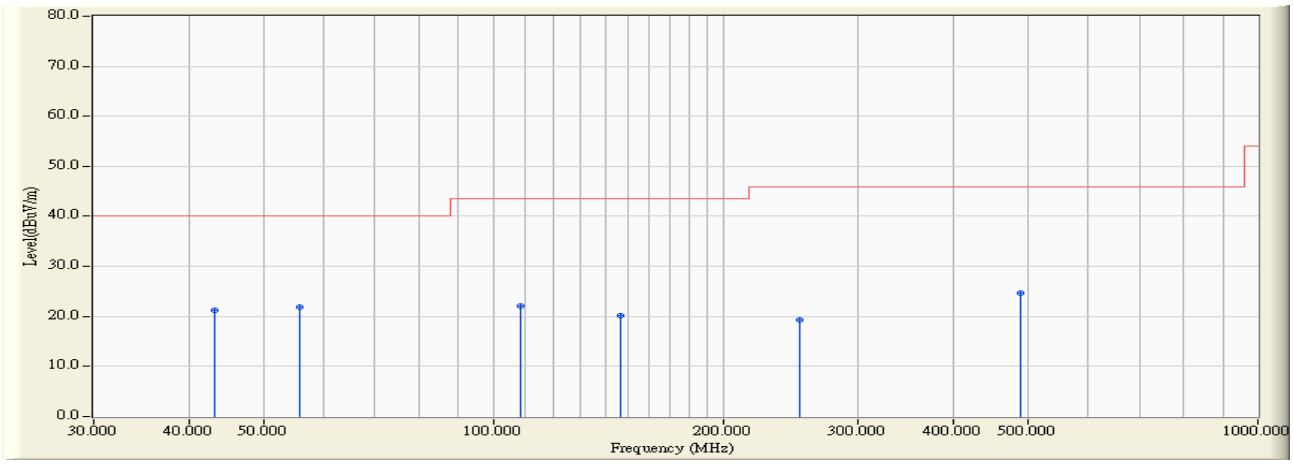
For an intentional radiator, the spectrum shall be investigated from the lowest radio frequency signal generated in the device, without going below 9 kHz, up to at least the frequency shown in following:

(1) If the intentional radiator operates below 10 GHz: to the tenth harmonic of highest fundamental frequency or to 40 GHz, whichever is lower.
(2) If the inentional radiator operates at or above 10 GHz and below 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 100 GHz, whichever is lower.
(3) If the intentional radiator operates at or above 30 GHz: to the fifth harmonic of the highest fundamental frequency or to 200 GHz, whichever is lower, unless specified otherwise elsewhere in the rules.
(4) If the intentionl radiator contains a digital device, regardless of whether this digital device controls the functions of the intentional radiator or the digital device is used for additional control or function purposes other than to enable the operation of the intentional radiator, the frequency range shall be investigated up to the range specified in paragraphs (1) - (3) of this section or the range applicable to the digital device, whichever is the higher frequency range of investigation.

On any frequency or frequencies below or equal to 1000 MHz, the radiated limits shown are based on measuring equipment employing a quasi-peak detector function and above 1000 MHz, the radiated limits shown are based measuring equipment employing an average detector function.
When average radiated emission measurement are included emission measurement Above 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit.
For class A, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and above 1GHz.
For class B, the measurement distance between the EUT and antenna is 10 meters for under 1GHz and 3 meters for above 1GHz.
The bandwidth below 1GHz setting on the field strength meter (R&S Test Receiver ESCI) is 120 kHz and above 1GHz is 1MHz.

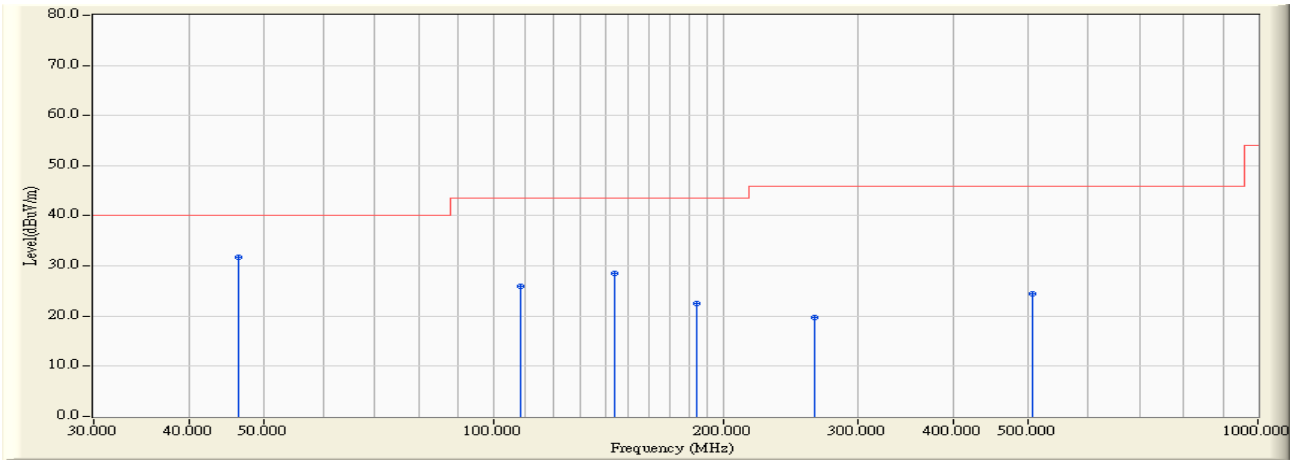
4.5. Test Result

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2009/05/27 - 14:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 0**
EUT : GSM 850/1900 Mobile Phone	**Probe : CBL6112D_27612(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**



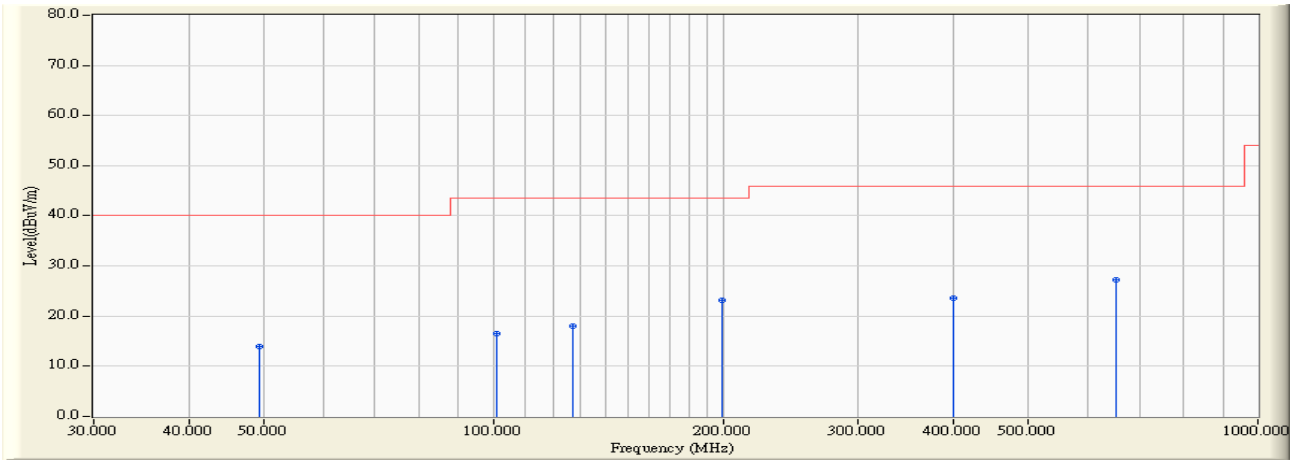
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		43.088	11.004	10.308	21.312	-18.688	40.000	QUASIPEAK	100.000	205.800
2	*	55.692	6.843	14.948	21.790	-18.210	40.000	QUASIPEAK	144.500	154.800
3		108.531	12.474	9.650	22.125	-21.375	43.500	QUASIPEAK	100.000	108.500
4		146.342	11.175	8.982	20.157	-23.343	43.500	QUASIPEAK	172.500	208.500
5		251.534	13.267	5.971	19.237	-26.763	46.000	QUASIPEAK	100.000	93.800
6		490.035	18.997	5.566	24.563	-21.437	46.000	QUASIPEAK	112.600	183.500

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2009/05/27 - 14:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 0**
EUT : GSM 850/1900 Mobile Phone	**Probe : CBL6112D_27612(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 1: Charging**



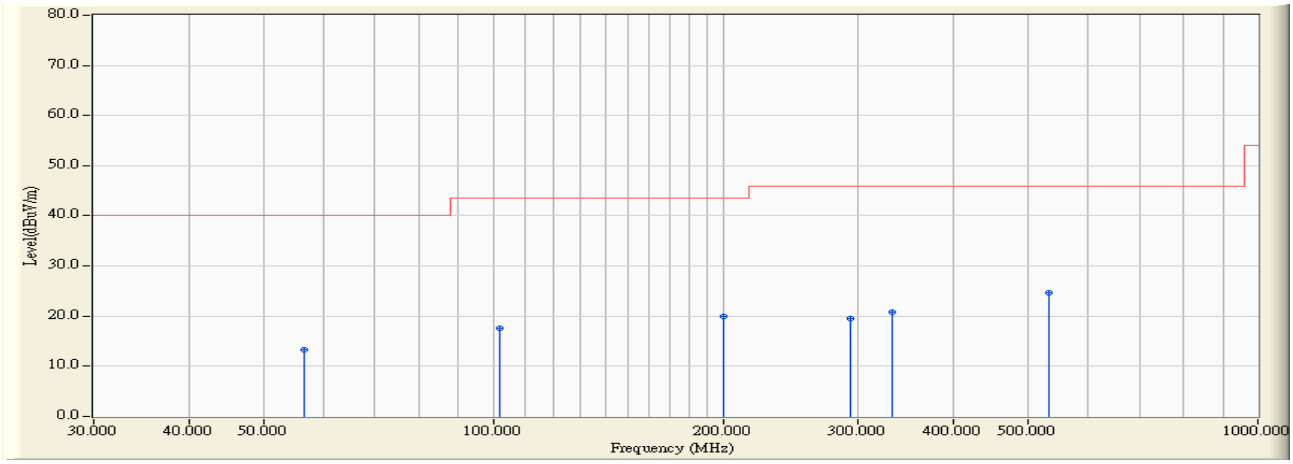
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	46.480	9.434	22.400	31.834	-8.166	40.000	QUASIPEAK	100.000	206.000
2		108.531	12.474	13.382	25.857	-17.643	43.500	QUASIPEAK	100.000	142.500
3		143.918	11.417	17.203	28.620	-14.880	43.500	QUASIPEAK	100.000	75.300
4		184.638	9.498	12.919	22.417	-21.083	43.500	QUASIPEAK	104.600	136.900
5		263.168	13.837	5.840	19.677	-26.323	46.000	QUASIPEAK	114.600	204.800
6		507.486	18.998	5.366	24.364	-21.636	46.000	QUASIPEAK	100.000	193.800

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2009/05/27 - 14:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 0**
EUT : GSM 850/1900 Mobile Phone	**Probe : CBL6112D_27612(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 2: FM Mode**



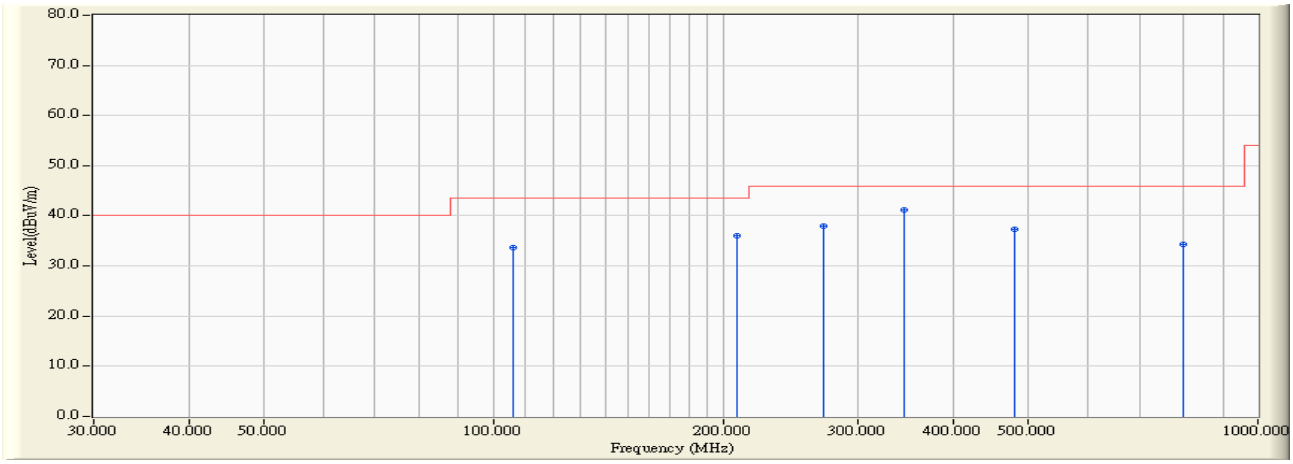
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		49.390	8.443	5.448	13.892	-26.108	40.000	QUASIPEAK	100.000	68.900
2		100.775	11.603	4.974	16.577	-26.923	43.500	QUASIPEAK	142.000	84.500
3		126.952	12.852	5.130	17.983	-25.517	43.500	QUASIPEAK	112.000	177.500
4		199.180	10.034	13.143	23.177	-20.323	43.500	QUASIPEAK	100.000	154.600
5		399.385	17.310	6.388	23.699	-22.301	46.000	QUASIPEAK	100.000	148.500
6	*	652.429	20.804	6.388	27.192	-18.808	46.000	QUASIPEAK	100.000	136.600

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2009/05/27 - 14:18**
Limit : FCC_CLASS_B_03M_QP	**Margin : 0**
EUT : GSM 850/1900 Mobile Phone	**Probe : CBL6112D_27612(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 2: FM Mode**



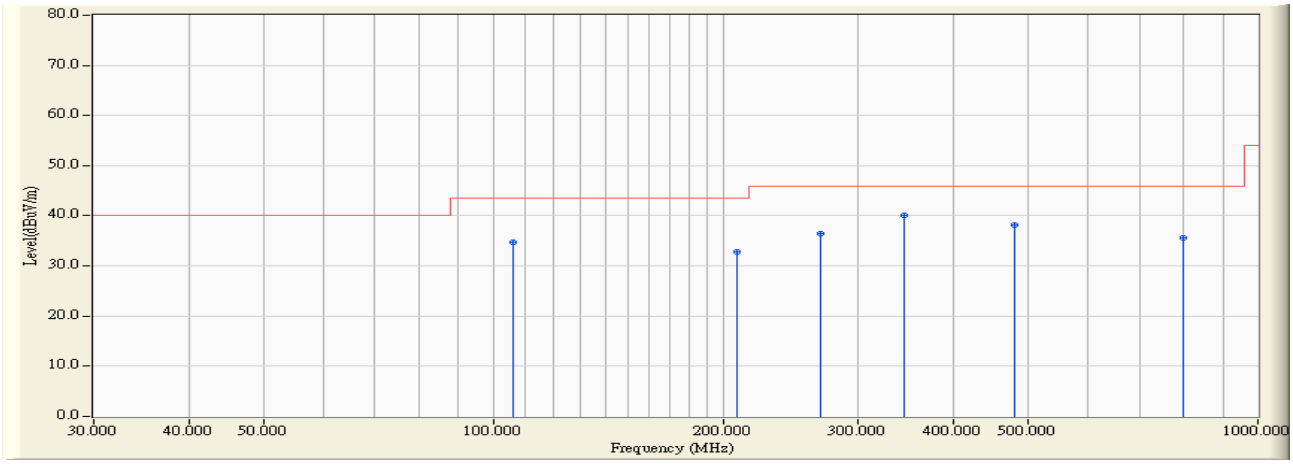
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		56.662	6.673	6.693	13.365	-26.635	40.000	QUASIPEAK	100.000	74.600
2		101.744	11.765	5.761	17.525	-25.975	43.500	QUASIPEAK	100.000	116.500
3		199.665	10.039	9.958	19.997	-23.503	43.500	QUASIPEAK	106.500	44.800
4		292.739	14.079	5.461	19.540	-26.460	46.000	QUASIPEAK	113.600	210.400
5		332.974	15.270	5.566	20.836	-25.164	46.000	QUASIPEAK	102.600	95.000
6	*	532.694	19.452	5.130	24.582	-21.418	46.000	QUASIPEAK	100.000	135.200

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2009/06/05 - 14:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 0**
EUT : GSM 850/1900 Mobile Phone	**Probe : CBL6112D_27612(30-1000MHz) - HORIZONTAL**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera On)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		105.960	12.249	21.364	33.613	-9.887	43.500	QUASIPEAK	100.000	147.000
2		208.280	9.816	26.247	36.063	-7.437	43.500	QUASIPEAK	100.000	159.000
3		270.080	13.615	24.256	37.871	-8.129	46.000	QUASIPEAK	100.000	256.000
4	*	345.200	15.689	25.500	41.189	-4.811	46.000	QUASIPEAK	100.000	205.000
5		480.040	18.779	18.457	37.236	-8.764	46.000	QUASIPEAK	100.000	100.000
6		800.040	21.846	12.364	34.210	-11.790	46.000	QUASIPEAK	100.000	98.000

Engineer : Jame	
Site : AC-2 (3m Semi-Anechoic Chamber)	**Time : 2009/06/05 - 14:42**
Limit : FCC_CLASS_B_03M_QP	**Margin : 0**
EUT : GSM 850/1900 Mobile Phone	**Probe : CBL6112D_27612(30-1000MHz) - VERTICAL**
Power : AC 120V/60Hz	**Note : Mode 3: USB Copy Mode (Camera On)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		105.960	12.249	22.500	34.749	-8.751	43.500	QUASIPEAK	100.000	138.000
2		208.280	9.816	23.000	32.816	-10.684	43.500	QUASIPEAK	100.000	102.000
3		268.320	13.663	22.800	36.463	-9.537	46.000	QUASIPEAK	100.000	217.000
4	*	345.200	15.689	24.320	40.009	-5.991	46.000	QUASIPEAK	100.000	100.000
5		480.040	18.779	19.500	38.279	-7.721	46.000	QUASIPEAK	100.000	264.000
6		800.400	21.842	13.800	35.642	-10.358	46.000	QUASIPEAK	150.000	104.000